



5-28-2008

Volume 45, Number 40: May 28, 2008

University of North Dakota

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UNIVERSITY OF NORTH DAKOTA

GRAND FORKS, ND

UNIVERSITY LETTER

UND'S FACULTY/STAFF NEWSLETTER

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TOP STORIES

Council of Deans issue statement on campus climate

As members of the Council of Deans at the University of North Dakota we express our firm and unambiguous condemnation of the recent acts of bigotry and discrimination that have taken place on our campus. These acts are a violation of the Code of Student Life of the University, the UND policy on harassment and discrimination, and a failure to understand the fundamental purposes of liberal education. We join the UND president and provost in making it abundantly clear that this sort of behavior is not acceptable at any level; it is not funny, it is not frivolous, and it will not be tolerated. Harassing, hateful behavior targeted at individuals or groups because of their gender, race, religion, national origin, color, disability, marital status, pregnancy, age, ethnicity, or sexuality is unlawful and wrong.

We regard the threats to a safe and welcoming learning and living environment to be incompatible with our educational mission. Therefore, when such threats arise, there must be an educational response as well as a disciplinary or legal response. These recent events cause us as a university to continue to evaluate our current curriculum and educational programs to prepare our students to act responsibly in a diverse and democratic community and society. To this end, we are working with the University community, the provost, and the president to continue to find effective ways to address this challenge.

As campus leaders charged with responsibility for the academic and student affairs mission of the University, we are determined to work to create a safer and more welcoming learning and living environment for all of our students, faculty and staff. While there is a legal dimension to these acts that may require a law enforcement response, it is the practice of the University to make it clear to everyone that we will enforce our policies and, where appropriate, apply sanctions independent of the decisions of law enforcement. -- Council of Deans May 21, 2008.

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Hesham El-Rewini named UND dean of engineering and mines

Hesham El-Rewini has been named dean of the School of Engineering and Mines following a national search, announced Greg Weisenstein, UND provost and vice president for academic affairs.

El-Rewini, a native of Egypt, has been a full professor and chair of the Department of Computer Science and Engineering at Southern Methodist University in Dallas, Texas, since 2001. He led a department that is consistently ranked by U.S. News and World Report among the top computer engineering programs in the nation.

His department, along with SMU, was designated as a National Center of Academic Excellence in Information Assurance Education by the National Security Agency. He also helped create new graduate and undergraduate programs, while revamping and continually examining existing programs.

"We are delighted to welcome Dr. Hesham El-Rewini to the University of North Dakota's academic leadership team," Weisenstein said. "He brings an incredible record of successful academic leadership to his new position as dean of the School of Engineering and Mines.

"Dr. El-Rewini was selected from among several highly qualified candidates because of his proven abilities to help his academic units achieve national distinction and his strong commitment to student success."

Before his time at SMU, El-Rewini was a full professor and interim chairman of the computer science department at the University of Nebraska at Omaha. There he played a central role in his department, prioritizing for major budgetary cuts, while at the same time preparing his department for external and internal reviews.

He spent 11 years at UNO, also serving as assistant professor and associate professor in the computer science department.

"I am very delighted to join the UND family and I look forward to working with the very capable engineering faculty and staff to move the school ahead," El-Rewini said. "Together, we can produce engineering graduates who can compete globally, contribute to the economic development of their region and nation and advance society.

"I believe that the School of Engineering and Mines at UND can play a critical role in a much needed national effort to retain and reassert the United States' leading role in engineering and innovation."

El-Rewini will replace John L. Watson as dean. Watson served the position from 2001 until his retirement March 31. Michael Mann, associate professor of chemical engineering at UND, is serving as interim dean.

"UND's School of Engineering and Mines, under recently retired Dean John Watson, achieved great strides in elevating its status among the best schools of engineering in the country," Weisenstein said. "We anticipate Dr. El-Rewini will build on these accomplishments by continuing the School of Engineering and Mines' excellent trajectory of success."

El-Rewini received a B.S. (distinction with highest honor) and M.S. in computer science and automatic control from the University of Alexandria Faculty of Engineering in Egypt. His Ph.D. in computer science came from Oregon State University in Corvallis in 1989.

El-Rewini is the co-author of five books in the fields of computer architecture and engineering. His research interests include parallel processing, sensor networks and mobile computing.

The research he's conducted has resulted in grant and funding awards from industry and federal agencies, including the National Science Foundation and the U.S. Department of Defense Army Research Office. He also has been a principal investigator of international projects to develop training programs for universities in Mexico and the Middle East. Those efforts were funded by the U.S. Agency for International Development.

El-Rewini also has general interests in strategic planning, assessment and academic training. Most recently, he has been instrumental in developing a bold strategic plan for the SMU School of Engineering to help put its students at the forefront as leaders and innovators.

El-Rewini also is a registered engineer in the state of Texas. His contract at UND is set to begin on July 1.

EVENTS TO NOTE

Essential Studies director candidate interview set for May 29

On Thursday, May 29, Associate Professor Tom Steen will be interviewed for the position of Essential Studies director. An open interview time for faculty, staff, and students will be held at 10:30 a.m. in the Memorial Room, Memorial Union. Dr. Steen's application and vita will be posted on the Essential Studies Web site. If you cannot attend the open interview time but wish to participate, we invite you to submit a question(s) in absentia to adam.kitzes@und.edu. Your questions will be asked at the interview on your behalf as time allows. The search committee is looking into the possibility of recording the interview for interested faculty and students who cannot attend the session.

Freshman Getting Started Program is through July 11

Freshman Getting Started 2008, an advisement and registration program for new freshmen, will take place through July 11. All students must have a reservation to attend and all session reservations are scheduled on a first-come first-served basis. All reservations should be made online at <http://sas.und.edu/freshman>.

Freshman Getting Started 2008 is a two-day program to which new first year students, admitted for the fall 2008 semester, are invited to come to campus for advisement and registration. Program activities begin on Day One at 8:30 a.m. and include a welcome to the University, housing, financial aid, student account services, student affairs, and general information presentations, along with mathematics placement testing for students. Day Two begins at 8 a.m. and consists of language placement testing, individual academic advisement and registration, and obtaining a parking permit and student ID. There is a separate program for the families of students that runs simultaneously. The program usually concludes around noon on day two.

If you have any questions regarding the program, please call the Student Success Center at 777-2117.
-- Angie Carpenter, Asst. Dir. of Programs/Academic Advisor, Student Success Center,
angiecarpenter@mail.und.nodak.edu, 777-3910

U2 lists workshops

The University within the University (U2) lists the following workshops:

Laboratory Safety

June 4, 10 a.m. to noon, Room 5520, School of Medicine and Health Sciences

Learn general lab-safety principles for the use of chemicals in laboratories. The workshop covers potential health hazards in the laboratory, protective measures, and response to incidents and emergencies. This training is required for all University employees working in a laboratory. Presenter: Eric Pearson.

Defensive Driving

June 5, 12:30 to 4:30 p.m., 211 Skalicky Tech Incubator

This workshop is required by state fleet for all UND employees who drive state vehicles on a regular (monthly) basis, received a traffic violation, or had an accident while operating a state vehicle. Employees are encouraged to bring a family member (spouse and/or dependents). This workshop may also reduce your North Dakota insurance premiums and could possibly remove points from your driving record.

Presenter: Tim Lee.

Please reserve your seat by registering with U2 by: phone, 777-2128, e-mail U2@mail.und.nodak.edu, or online www.conted.und.edu/U2/. Please include: (1) workshop title/date, (2) name, (3) department, (4) position, (5) stop number, (6) phone number, (7) e-mail, and (8) how you first learned about this workshop. Thank you for registering in advance; it helps us plan for materials and number of seats.

-- Kathy Williams, Coordinator, U2 Program, U2@mail.und.edu, 777-2128

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Memorial March is June 6; faculty, staff help sought

On June 6, at 9:38 a.m., the first 1-188th ADA Memorial March will be hosted in Bismarck, Fargo and Grand Forks, to remember the service members of the state who have paid the ultimate price for our freedom in Iraq and Afghanistan. This march also aims to provide healing and closure for the soldiers who lost comrades while deployed.

This Memorial March will have three options for individuals to participate: two, six, and 12 miles. We are seeking your help at locations throughout the city that encompass the 12-mile march. We need two to three volunteers for approximately two to three hours per location to check the numbers of the walkers as they go by and offer refreshments, water, and support. We have 12 locations.

Pre-registration for this free Memorial March is requested. Go to Soldiers' Angels, www.soldiersangels.org, and look for the N.D. crest. There will also be registration and check-in process at the start locations from 8 to 9:20 a.m., with a short program from 9:20 to 9:38 a.m. when the step off will be made by family members of the fallen North Dakota heroes.

There will be a limited edition 1-188th ADA Memorial March T-shirt available for purchase to the first 300 people to register for the Memorial March. This T-shirt will cost \$5; you may pay for these shirts at the march check-in, or you may write a check to Soldiers' Angels for \$5 and send to Shelle Michaels/Soldiers' Angels, 2901 University Ave., #7026, Grand Forks, ND 58202.

This Memorial March is open to all National Guard members, all service members and civilians.

For more information contact the Grand Forks location coordinator, Shelle Michaels, at shellemichaels@msn.com.

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Weigh Well program sign up ends Friday

Has the nice weather gotten you thinking about getting in shape, eating healthier and adopting a healthier lifestyle? Come join us at the Wellness Center for Weigh Well! Weigh Well is an eight-week, team-based weight management program featuring cooking demonstrations, fitness assessments, nutrition consults and team workouts to fit into your schedule. Friendship and friendly competition among the teams will help you maintain a healthy weight and lifestyle and keep you motivated! Bring a friend and sign up at the Wellness Center welcome desk. Sign-up will end Friday, June 6. Classes will start Tuesday, June 10, and will meet every Tuesday through July 29 from noon to 1 p.m. in the Wellness Center classroom. Team workouts will be scheduled in accordance with team member schedules. The cost is \$49 for Wellness Center members and \$109 for the class plus a two-month Wellness Center membership.

-- Jennifer Haugen, LRD, Assistant Director for Nutrition and Wellness Programs, Wellness Center, jenniferhaugen@mail.und.edu, 701-777-0233

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New exhibit, Remembering Dakota, opens at Museum

REMEMBERING DAKOTA

They came and they went

June 10 - Aug. 10, 2008

Opening Reception: Tuesday, June 10, 7 p.m.

Artists will share stories about their work and memories of North Dakota. Please join us for wine, hors d'oeuvres and live music.

"I came to North Dakota because I wanted to see where Teddy Roosevelt went after his wife died. It turned out to be a place where you could empty your soul into the sky," said American landscape photographer Greg Conniff. He is one of thirty-eight artists from across the United States whose work will open on June 10 at the North Dakota Museum of Art in Remembering Dakota. Curated by Museum Director Laurel Reuter, this exhibition adds another chapter to the history of art in and of North Dakota.

"Places are known and remembered by their images and the sensations and emotions they provoke," said Reuter. While photographers dominate the exhibition, painters, sculptors, and printmakers also assume their places within this newly identified North Dakota canon. Many, such as sculptors Marlene Alt and Lowell Reiland, grew up in North Dakota but have gone elsewhere: Alt to Oregon, Reiland to Rhode Island.

Todd Hebert, a Dickinson native who graduated from the University of North Dakota, is a rising art star on both coasts following his debut as the 2005 Aldrich Emerging Artist Award winner (Aldridge Museum of Contemporary Art in Litchfield, Connecticut). Given annually to an artist whose "work exhibits bold innovation, exciting originality, clear direction, and serious dedication," Hebert makes prints and drawings rooted in seeing the landscape through the blur of shifting snow and the haze of prairie sunsets.

Photographers are known for their passion for road trips. For years the painter Charles Forsman has made black and white photographs through the windshield of his van as he traveled across the West. Earlier in life, his parents, his brother, and his brother's children spent a few months working at the coal gasification plant in Beulah, North Dakota. When they left, young Chuck Forsman took with him a store of memories riddled with cold, and "wonderful people who watched out for each other." Much later, he revisited Beulah to re-experience the winter, to take the photographs in this exhibition, all of which were reproduced in his 2003 book Western Rider—Views from a Car Window.

The late German photographer Dirk Reinartz was long fascinated by the myths and monuments attributed to Otto von Bismarck, founder of the German empire. When he discovered there was a city in North Dakota named for him, he came to photograph. The results were published in Bismarck in America (2000), which documents "the uniqueness of the American mundane," according Steidl, its publisher. A dozen images of local inhabitants, landmarks, and events are included in the exhibition, loaned by his estate.

Guðmundur Ingólfsson came from Iceland, having become friends with the North Dakota/Minnesota photographer Wayne Gudmundson. They made a pact: they would photograph each other's country, both using black and white film. Ingólfsson would shoot new Iceland, that corner of northeast North Dakota and southern Manitoba settled by Icelandic emigrants in the late nineteenth century. His photographs of the gentle, rolling landscape around Icelandic Park and Mountain, North Dakota, were given to the State Historical Society, and subsequently were loaned to the exhibition.

Justin Newhall made his own journey, again recorded in his book Historical Marker; Along the Lewis and Clark Trail. Traveling along the Missouri, he captured on film lyrical images of Lake Sakakawea, McClean County; Ft. Mandan Historical Site; Ft. Yates; and Williams County, all included in the exhibition. Part of the Midwest Photographers Publication Project series, Newhall was one of "three young artists poised on the brink of

stardom” who was included in the Midwest Photographers Publication Project undertaken by Aperture and the Chicago Museum of Contemporary Photography.

Inspired by the sight of a newly constructed prison glowing in a nighttime prairie landscape, Boston photographer Stephen Tourlentes began a series of photographs of penitentiaries around the United States in 1996. In 2000 he arrived in North Dakota to shoot his exquisite and foreboding photo of North Dakota’s penitentiary. Tourlentes found the glaring surveillance light of the prison beautiful from a distance yet deterring at close range, forming, as he describes it, “a physical and psychological border that affects those inside and out.”

David Graham, who photographs regularly for the New York Times Magazine, Newsweek, Time, Fortune, and Forbes, has published over a dozen books of his photographs. He travels endlessly across the continent recording the lives and makings of extraordinary human beings. In 1997 he came through Grand Forks and made a series of still-unseen flood photos that will be unveiled in the exhibition. Remarkable in their formal beauty, the photographs capture the stillness that inhabited the cities and the countryside in the days following the evacuation.

Minneapolis photographer Stuart Klipper became famous for his 12-by-38-inch, horizontal photographs of the polar regions of the Earth. He also photographed Minnesota and its environs, New Mexico, and wherever else he happened upon. According to Klipper, “I returned to North Dakota again this past January. I had been persuaded to ride shotgun with a friend who had some business to attend to in Grand Forks. She hadn’t much need to inveigle; I very much wanted to go to North Dakota again.

“For one, I had to taste the fabled chocolate-dipped potato chips of Widman’s chocolate shoppe. And a tad more challengingly, I had a yen to make pix out on these High-Lined plains in mid-winter, when it was good and cold and the northern tier states were snow-covered from the Wisconsin shores of Lake Michigan to the Eastern Slope of the Rockies in Montana, Wyoming and Colorado.

“I was not disappointed—I’ll put it this way, if a mere smidgen of agriculture were ever introduced to the Antarctic, that’s what winter looks like in North Dakota. I spent a couple of chilly wind-driven days on the road amply confirming this. The high point of this foray was finding the KVLV-TV mast, the planet’s tallest structure. It occurred to me to perhaps shoot it in a vertical format.”

Others, like Jeff Brouws, returned to visit ancestral homes or relatives still living in the State. Even then, Brouws was nudged into coming by his wife Wendy Burton, a literary agent and photographer. She had begun work on her own novel about a small town while concurrently shooting a photographic series of abandoned houses.

For Brouws, Remembering Dakota “has stimulated a pride in the remembrance of my deep family history and its relationship to North Dakota. The Gerlitz Clan were hearty folks and I can say unabashedly that I loved my Grandfather Gerlitz like no other He taught me to love books and music. What gifts he gave me. I miss him terribly.” He was a “big hearted guy who liked to buy a round of drinks at the local bar after he got his paycheck. Even played guitar and fiddle on a country radio station up there around Goodrich. He loved Dickens. Bought me books when he didn’t have enough money to cover his own expenses. Wrote me letters when I was ten years of age that dealt with important life matters. He was a philosopher.”

Still others, such as Tom Arndt, married North Dakotans. He went on to take dozens of photographs at the Hazelton family farm. Included in the exhibition is Arndt’s first photograph collected by New York’s Museum of Modern Art, Farm Yard With Yard Light (near Hazelton, North Dakota, 1981, a black and white silver gelatin

print, selenium toned by Tom Arndt.

Over two dozen additional artists are including in the exhibition including new etchings of Red River Valley landscape by Nancy Friese, and aerial photographs by Emmet Gowin and Terry Evans. Abstract, aerial paintings are on exhibit by Abner Hershberger, who grew up in a Mennonite family near Amenia, N. D., and continues to paint “the fields I plowed well into adulthood with the stark markings of furrowed land, patterns of irrigation, and stubble fields.” It includes black and white landscape photos by Greg Conniff, Ward Davenney, Lynn Davis, and Joe Deal, several bodies of work by young artists who graduated from the University of Minnesota Moorhead and moved to Minneapolis to pursue their careers, as well as sculpture of castings of fissures in the North Dakota earth by Lowell Reiland, and quirky, stitched and sewn images of Winter Kill.

Often artists in the exhibition create both art and documentaries. Daniel Heyman draws emigrants, refugees, and students, drawn to Grand Forks for freedom in all its guises. Frank Sampson paints family and animal scenes from his childhood home near Edmore, North Dakota. Robert Polidori photographs abandoned, decaying buildings and Paul Shambroom shoots missile sites. Jim Dow photographs sports places “where children come to play and men come to dream.” Peter Latner’s photographs are from a long-term documentary project about landscapes on the north central prairies and plains. Speaking for many in the exhibition, he says, “I’m interested largely in ways that landscapes must adapt in an effort to maintain a region’s economic survival (hence the ethanol plan, the new subdivision, etc.). As is the case with many documentary or “straight” photographers, the subject of my pictures is much like human aspiration. It may not always be pretty, but that doesn’t mean it can’t be beautiful.”

Rites of hunting appear and reappear throughout the show. Marlene Alt cast over a thousand deer antlers in wax. Jes Schrom came home to North Dakota to take shooting lessons (for two hours) and then systemically shot two dozen stuffed animals, embroidered them back together again, took their pictures, and submitted an installation of the photographs and the shooting video. Guy Nelson, now an artist from Brooklyn, made paintings and sculptures of Bambi deer (Seeking Refuge) and bleeding deer antlers (November Harvest). Brian Lesteberg created a photo documentary of hunting with his father, his bother, and the neighbors. Lesteberg’s photographs, while clearly from a North Dakota place, suggest Northern European still life paintings from the seventeenth century.

Daily life is ultimately at the heart of the exhibition. James Dean and Todd Strand spent years making pictures in North Dakota which, when added up and heaped together with the work of their fellow artists, create a vast and complicated vision of the place and the people who inhabit that landscape. In Peter Haakon Thompson’s charming self-portraits, he morphs into the landscape, whereas Todd Arsenault fractures his landscapes into jumbled, Cubistic, prisms. From every position, these artist address the endlessly evolving relationship between humans and the worlds they inhabit. This is specifically addressed in the photographic work of Scottish artist Roddy MacInnes.

In 1993 MacInnes found two photo albums in a flea market in Denver. Inside was the photographer’s signature (Nina Weiste), the date the photographs were made (1917), and one geographical reference (Jim River). His research led him to Dickey County, North Dakota. According to MacInnes, “I began the project with the initial intention of addressing such questions as why do we have the need to create a photographic record of our lives, and what role do photographs play in the construction of identity? The project goals have since expanded to include an exploration of connections between people, landscape, memory, and time. “I am interested in issues surrounding the relationships between people and the landscape, sense of place, memory and identity. Most often, personal stories, including my own, drive my work, but what interests me most is the area in which the personal becomes public and the specific becomes general.”

Sponsored by Ameriprise Financial.
-- Brian Lofthus, Assistant to the Director, North Dakota Museum of Art, blofthus@ndmoa.com, 777-4195

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Grand Cities Art Fest seeks volunteers

How can you have a great time, make a big difference and get a cool T-shirt? By volunteering at the Grand Cities Art Fest, to be held June 14-15, in downtown Grand Forks and East Grand Forks.

Grand Cities Art Fest 2008 features more than 130 fine art and high-quality craft vendors, regional food vendors, Kid's Corner, live entertainment, NoVAC's Arts in Action Square and more!

"FirstLink will field calls from potential volunteers, placing them with an activity based on the hours they can work, their skills and interests," says Benjamin Klipfel, event manager. "Events like the Art Fest generate particular interest in volunteering because folks can show up, help out and feel good about it — without a long-term commitment."

Volunteers are needed to assist with blocking streets, provide information to guests, sell merchandise, assist with event take-down and more. Call FirstLink at (701) 746-5463 for a variety of shifts and duties, or visit them online at <http://www.volunteersolutions.org/firstlink/org/opp/10276478068.html>.

The Grand Cities Art Fest is sponsored in part by the Downtown Leadership Group, the North Valley Arts Council, Qwest Communications, the Xcel Energy Foundation, KVLV TV-11, Leighton Broadcasting and the Grand Forks Herald.

-- Benjamin Klipfel, Event Manager, Grand Cities Art Fest, benjamin.klipfel@und.edu, 7-0857

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Limited spots open for youth moviemaking camp

Limited spots are open for the youth (ages 12-18) moviemaking camp. This is a hands-on digital moviemaking camp. Participants in Week 1 (June 9-13; 3 to 5 p.m.) learn to craft a short screenplay from concept to polished script. We will discuss creating solid structure, character development, dialogue, and formatting the screenplay. Cost is \$75.

In Week 2 (June 16-20; 1 to 5 p.m.), selected scripts from Week 1 will be produced. Participants will learn about pre-production, directing, shooting, working with sound technology, as well as editing their short movie on Final Cut software in the state-of-the-art Visual Arts editing lab. Cost is \$125.

Sign up for both weeks at the discounted rate of \$180. All equipment is provided, participants simply need to bring their imagination and enthusiasm.

The young moviemakers, family, friends, and community are invited to attend the world premiere screening of movies created in the 2008 youth and adult camps at 2 p.m. Sunday, June 29, at the historic Empire Theatre in downtown Grand Forks. Is your daughter or son ready to walk down the red carpet?

-- Kathy Coudle King, Moviemaking Camp for Youth (12-18), English, kathleen_king@und.nodak.edu, 777-2787

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North Dakota Arts and Humanities Summit is Oct. 9-10

Sherman Alexie will appear as key presenter at the North Dakota Arts and Humanities Summit hosted by Bismarck State College Oct. 9-10. Held every two years, the summit is an educational creative arts showcase, where students and faculty from North Dakota's colleges and universities share their work with each other and

the public.

Alexie, an award-winning author, poet and filmmaker, has written novels, screenplays, short stories, and 11 collections of poetry. Scholars and literary and film critics have lauded his work with countless awards, including the 2007 National Book Award for Young People’s Literature, the Pushcart Prize for poetry, PEN/Malamud Award, Sundance Film Festival Audience Award, and many others. He displays his exceptional humor and performance ability at poetry readings and comedy venues.

The arts summit will include a visual arts exhibit, musical performances, readings, and presentations by scholars and students.

-- Patrick Luber, Professor of Art, Art Department, patrick_luber@und.nodak.edu, 777-2230

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Seminar will focus on nanoscale imaging and spectroscopy of energy materials

Steve Smith, an expert on nanophotonics, will also deliver a technical seminar on Nanoscale Imaging and Spectroscopy of Energy Materials. This talk will take place at 4 p.m. Thursday, June 12, in 211 Witmer Hall.

Dr. Smith is an associate professor of physics, director of the Nanoscience and Engineering doctoral program at the South Dakota School of Mines, and associate research professor of physics at the Colorado School of Mines. He spent 10 years at DOE’s National Renewable Energy Laboratory, where he was a senior scientist in the scanning probe microscopy laboratory and the solid state spectroscopy group. Smith obtained his Ph.D. in applied physics from the University of Michigan in 1996, where he worked in the Center for Ultrafast Optical Science. His research focuses on the combination of energy and time-resolved spectroscopy with optical microscopy to characterize nanomaterials.

The abstract of his seminar is:

Optical spectroscopy, combined with high-resolution microscopy methods, is a versatile probe of the electronic, photonic and chemical properties of materials, and may reveal how these properties vary with material and device micro- or nano-structure. The combination of spatial and spectral resolution is also useful to remove ambiguity in the interpretation of spectra due to inhomogeneous broadening. The development and application of such methods, directed at the characterization of materials for energy conversion and storage, is the focus of the research taking place in our lab. Smith will describe the application of near-field spectroscopy to understand the influence of microstructure on the solar cell materials CdTe and GaInP, the use of pump-probe methods to assess the efficacy of quantum dot super-lattice solar cells, and spectroscopy of single lanthanide-doped nanoparticles being developed as upconverting phosphors for solar cells. With time, he will also discuss the development of atomic force, fluorescence and nonlinear optical microscopy methods for imaging the plant cell wall, as part of a multi-university project aimed at understanding the molecular basis of enzymatic degradation of biomass for alternative fuels.

-- Juana Moreno, Assistant Professor, Physics, juana.moreno@und.edu, 701-777-3517

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ANNOUNCEMENTS

NIH, AHRQ will require new forms

The NIH and AHRQ have announced plans to: 1) move from PureEdge to Adobe versions of the SF424 (R&R) grant application forms; and 2) transition Research Career Development (K), Individual National Research Service Awards (F), and Institutional National Research Service Awards and Other Training Grants (T, D) programs from paper to electronic submission through Grants.gov using the SF424 (R&R).

The new Grants.gov 2007 system supports the use of application forms that can be downloaded and completed using free Adobe Reader software rather than the PureEdge software that is currently required for the SF424 (R&R). To minimize impact of form changes on the applicant community, NIH is carefully timing our move to the new forms to also incorporate the following form changes:

- Recent changes to the PHS 398 form components [NOT-OD-08-028]
- Form changes resulting from the Federal Funding Accountability and Transparency Act (FFATA)
- Adjustments from the upcoming renewal of the SF424 (R&R)

NIH will pilot the use of Adobe forms, without the aforementioned forms changes, with a couple single submission date Funding Opportunity Announcements (FOAs) that will be issued in late summer. Assuming the pilot goes smoothly, and the forms approval and development process go as planned, NIH will begin posting the bulk of our FOAs with Adobe forms in December 2008. Applicants can plan for all receipt dates through December to use PureEdge forms. A detailed plan will be published in the fall.

Once NIH completes the move from PureEdge to Adobe application forms, it will transition the K, F, T and D programs to electronic submission through Grants.gov using the SF424 (R&R). As has been our practice, the transition by mechanism will include all active FOAs for that program/mechanism. Applications in response to these announcements will require electronic submission through Grants.gov. Plans/milestones for submission dates and mechanisms are as follows:

- * Feb. 12, 2009 - Research Career Development (all Ks except K12)
- April 8, 2009 - Individual National Research Service Awards (F)
- * Sept. 25, 2009 - Institutional National Research Service Awards and Other Training Grants (T, D), D43, D71/U2R and K12

Timing of the transition of NIH's complex, multi-project grant programs have not been set.

Questions about transition plans may be directed to: NIHElectronicSubmiss@mail.nih.gov.
General Information can be obtained at the following sites:

<http://era.nih.gov/ElectronicReceipt/>
<http://grants.nih.gov/grants/oer.htm>
<http://www.ahrq.gov/path/egrants.htm>

Inquiries regarding this notice should be directed to:

Grants Info
Office of Extramural Research
National Institutes of Health
Phone: 301-435-0714
TTY: 301-451-0088
Email: grantsinfo@nih.gov

-- Barry I. Milavetz, Associate Vice President for Research, Research Development and Compliance,
barrymilavetz@mail.und.nodak.edu, 701/777-4278

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University Letter deadline is 1 p.m. Tuesdays

Beginning June 1, the deadline for University will be 1 p.m. Tuesdays. -- University Relations.

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Barnes & Noble at UND lists summer hours

Barnes & Noble at UND lists their summer hours: Monday through Friday, 9 a.m. to 6 p.m.; Saturday, 10 a.m. to 5 p.m.; closed Sundays until Aug. 3.

-- Michelle Abernathey, General Manager, Barnes & Noble at UND,
michelle_aberanthey@mail.und.nodak.edu, 777-2103

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Space studies offers summer course on human space systems

The Department of Space Studies offers an intensive summer course on "Human Space Systems." The purpose of the course introduces the space professional to concepts and knowledge about human spaceflight systems, including government projects (NASA Constellation, Air Force, etc.), private systems (Virgin Galactic, SpaceX's Dragon, etc.) and international programs such as Soyuz and Shenzou. The intention of the course is to familiarize students with past, current and future human spaceflight systems. Historical background, theoretical bases, space physiology, government projects, commercial concerns, legal issues and future trends of human spaceflight will be discussed.

The course will consist of a full week of intensive, theoretical classes with an active, hands-on component using the flight and space simulators, flight time in UND airplanes, space suit training and the high altitude chamber at UND. Participants of the workshop can earn a maximum of 3.84 CEUs (Continuing Education Units).

The cost for the Human Space Systems Course will be \$3,970. This cost provides all lunches and the final evening meal. Housing and transportation are not included. Participation is limited to 10 students. Applications will be reviewed on a competitive basis.

Visit our Web site for more details: <http://www.human.space.edu/course.html>

Questions may be addressed after June 3 to Pablo de Leon, space studies research associate (e-mail: deleon@space.edu or telephone: 701-777-2369 or toll-free 800-CALL-UND ext. 2369).

-- Karen Ryba, director of communications, aerospace, ryba@aero.und.edu, 701-777-4761

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Nominate employees for Governor's Award for Excellence in Public Service

The Council of State Employees (COSE) Web site, www.nd.gov/cose/gaward.htm , is set up to receive nominations for the Governor's Award for Excellence in Public Service. The nominations can be sent via FAX on a Acrobat-fillable form on the COSE Web site or submitted electronically. Special note, "If when filling out the electronic form and you accidentally hit enter or submit the form, just select and click on the back button on your Web browser; it will back you up to finish your entry for re-submitting your form."

This format must be followed for the nomination to be accepted. No multi-party nominations will be accepted.

State employees may be nominated for the Governors Awards for Excellence in Public Service by fellow employees, supervisors, or other interested individuals for their accomplishments and contributions in the past year only, not over several years. The nominations received will be judged on specific examples of the suggested information for each of the items listed below which are weighed equally by the judges on a scale of one (low) to 10 (high) for Sections A1 through A4 and on a scale of one to five for Section B:

A. Contributions made in the work place

- 1. Nominee's job performance throughout the year
 - * Consistently produces high-quality work under all circumstances
 - * Gives extra effort to complete a job or to share a heavy workload
 - * Serves on committees and contributes to their success
 - * Volunteers to work on special projects
- 2. Valuable contributions or services provided by the nominee to their department over and above their core job requirements
 - * Integrates information or equipment for greater efficiency or use
 - * Works to eliminate unnecessary actions or steps for delivering services
 - * Develops procedures minimizing customer time and resource usage
 - * Develops new work strategies to reduce waste and save time and money
- 3. Nominee's working relationships with the public and with other departments
 - * Helps others beyond general job requirements
 - * Receives unsolicited thank you or appreciation letters for work done
 - * Is exceptionally courteous, even tempered, and cooperative
- 4. Nominee's working relationship with fellow workers
 - * Helps others beyond requirements of job
 - * Contributes to a team-oriented, supportive working environment
 - * Is always friendly, courteous, and cooperative

Subtotal points (40 possible)

B. Contributions made to the whole community

- * Service to professional organizations
- * Volunteer work
- * Service to civic, religious, school, veteran, or other groups

Subtotal points (five possible)

Total points(45 maximum)

Category:

- * Executive/Administration/
- * Professional
- * Technical/Paraprofessional
- * Office Support
- * Trades/Craft
- * Services

Nomination deadline is Friday, Aug. 8. -- Douglas Osowski, systems administrator, information technology Systems and services.

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Note address update requirement on bulk mail

Beginning Nov. 23, 2008, all nonprofit and regular rate bulk mail must meet the new United States Postal

Services' move update requirement in order to receive these discounted postage rates. The requirement states that a mailing list must be updated within 95 days prior to the day of mailing. There are several approved methods that meet this requirement. One method that is currently used by many departments is using an ancillary endorsement such as Address Service Requested or Return Services Requested on their mail piece. This method is only valid, however, if the mailing list is used every 95 days.

Another approved method that is available to departments is Fastforward. Mailing Services has software that is capable of submitting a mail list electronically to a vendor that will check the USPS database for address changes. The database contains all change of address notifications filed with the USPS in the past four years. After the database is checked, any change of address notifications are sent back to the program electronically. Usually it takes less than 24 hours for the file to be checked against the national database. The cost for this method is approximately \$.01 per address.

Any mailing not meeting this requirement must be sent at the first class postage rate regardless if the mailing meets the other bulk mail requirements. If you have any questions regarding this requirement, please contact Darin Lee at 777-2279. Thank you.

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Form available for Hopper-Danley Memorial Chapel reservations

UND students, faculty, staff, and alumni who are interested in reserving the Hopper-Danley Memorial Chapel should contact Deb Merrill at 777-4878 or e-mail debmerrill@mail.und.edu. More information may be found at <http://www.und.edu/dept/facilities/Spiritualcenter/scenter.htm>

The special events and notification form must also be completed for weddings and special events that take place on campus and at the chapel. This form is available electronically at <http://departments.und.edu/safety/forms>.

Thank You.
-- Deb Merrill, Recycling Coordinator, Facilities, debmerrill@mail.und.edu, 777-4878

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Donated leave requested for Ron Burrows, Gerald Frohlich

Leave donations are sought for Ron Burrows, building service technician at the Chester Fritz Library, and Gerald Frohlich, building service technician at Hyslop Sports Center, and formerly at Hughes Fine Arts Center. They and their families thank you for your generosity. Please send a donated sick or vacation leave to Patti Schmidt, Stop 8932. Please designate one or both employees in your donation. Donated leave forms are available at www.und.edu/dept/payroll, then click on "forms." -- Facilities.

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OLLI@UND wants you

We still have room for students in virtually all of the OLLI summer semester classes. I strongly urge women to take a closer look at the "Impact" class. I can't begin to tell you what a life changing experience it was to take this class. We will take women of any age... do you have a daughter going off to college or is in college and home for the summer? Consider joining us with your daughter, your sister, your mother or a friend. Men, encourage the special women in your life to take this life-saving course.

Marilyn Ogden has a wealth of information regarding the class she teaches: myths, misconceptions and downright nonsense of estates. If you're not ready to take it, perhaps your parents are.

One of the most rewarding experiences in life is creating something. Whether it's Digital Photography, Still Life -

Drawing to a Conclusion, Dyed-in-the-Wool OLLIs or Gardens of OLLIwood - Landscape Gardening ... take a walk on the creative side - get your hands dirty and have a blast!

Exercise your body with Balance & Fitness II, your mind with A Nation is Born - The Establishment of the American Republic, and your conscience with The Rhetoric of Presidential Campaigns - The Good, The Bad & The Ugly.

Appreciate the arts with an Introduction to Classical Music or Robert Frost: America's Greatest Poet, and Love, War, Muder and the Human Condition: Movies and the Spanish Speaking World. Learn a new language with French for Fun II." Take a spiritual journey with What's New About A New Earth?

Call Connie at 777-4840 if you have any questions OLLI@UND or want to register. Thanks!
-- Connie Hodgson, OLLI Program Specialist, DCE, conniehodgson@mail.und.edu, 777-4840

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Museum Cafe lists soups, specials

The North Dakota Museum of Art Cafe lists their soups and specials:

May 28 - 30

Soups for the week: Potage of Lentil / Beef Barley

Wednesday: Sushi

Thursday: Sushi

Friday: Museum Club

June 2 - 6: Caribbean Week

Soups for the week: Curried Avocado / Zarzuela de Mariscos

Monday: Jamaican Jerk Chicken

Tuesday: Coconut shrimp With Curried Vegetables

Wednesday: Escovitch

Thursday: Caribbean Lamb

Friday: Guyanan roast pork

The Museum Café is open weekdays 10 a.m. to 4 p.m. with lunch served from 11 a.m. to 2 p.m.
-- Brian Lofthus, Assistant to the Director, North Dakota Museum of Art, blofthus@ndmoa.com, 777-4195

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Summer yoga classes offered at Lotus Meditation Center

Summer yoga classes will be held Tuesday and Thursday evenings from 5:30 to 6:45 p.m. Classes are ongoing throughout the summer and students may pro-rate the fee for the number of times they can attend. Fees are \$65 for eight weeks or \$10 per single class. Contact Dyan Rey at 772-8840 or dyanre@aol.com for information and to register.

-- Dyan Rey, Instructor, Visual Arts, dyanre@aol.com, 772-8840

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Internal job openings listed

The following position vacancies are available only to regular UND staff employees who have successfully completed their six-month probation period, earn annual and sick leave, receive BC/BS health insurance and TIAA-CREF or ND PERS retirement benefits. Current UND faculty, please contact Human Resources for eligibility.

TO APPLY: Please complete UND Application/Control Card form. Send letter of application and resume, referencing position name and number, to: Human Resources, University of North Dakota, Twamley Hall, Room 313, 264 Centennial Drive Stop 8010, Grand Forks, ND 58202-8010. Applications MUST be received by the deadline date.

EXECUTIVE/PROFESSIONAL/ADMINISTRATIVE/ATHLETIC COACHES:

POSITION: Athletic Marketing Director, Athletics, #08-342
APPLICATION DEADLINE: (I) 5/28/2008
COMPENSATION: \$24,000 plus/year

POSITION: Associate AD – External Operations, Athletics, #08-340
APPLICATION DEADLINE: (I) 5/28/2008
COMPENSATION: \$60,000 plus/year

POSITION: Associate AD Internal Operations, #08-339
APPLICATION DEADLINE: (I) 5/28/2008
COMPENSATION: \$60,000 plus/year

POSITION: Research Data Base Manager, School of Medicine Health Sciences, #08-333
APPLICATION DEADLINE: 5/28/2008
COMPENSATION: \$33,000 plus/year

POSITION: Research Engineer, EERC, #08-331
APPLICATION DEADLINE: (I) 5/28/2008
COMPENSATION: \$50,000+/year

POSITION: Assistant Registrar, Office of the Registrar, #08-328
APPLICATION DEADLINE: (I) 5/29/2008
COMPENSATION: \$36,000 plus/year

TECHNICAL/PARAPROFESSIONAL:

POSITION: Journeyman Electronics Technician, Facilities, #08-346
APPLICATION DEADLINE: (I) 5/30/2008
COMPENSATION: \$40,000 plus/year

POSITION: Account Technician, Energy and Environmental Research Center, #08-344
APPLICATION DEADLINE: (I) 5/29/2008
COMPENSATION: \$27,000 plus/year

OFFICE SUPPORT:

POSITION: Administrative Secretary, English, #08-345
APPLICATION DEADLINE: (I) 5/30/2008
COMPENSATION: \$23,000 plus/year

POSITION: Administrative Secretary, Dean's Office – School of Medicine & Health Sciences #08-343

APPLICATION DEADLINE: (I) 5/28/2008

COMPENSATION: \$25,000 plus/year

CRAFTS/SERVICE/TRADES:

POSITION: Heating Plant Maintenance Supervisor, Facilities, #08-348

APPLICATION DEADLINE: (I) 5/30/2008

COMPENSATION: \$43,500 plus/year

POSITION: Journeyman Painter, Facilities, #08-347

APPLICATION DEADLINE: (I) 5/30/2008

COMPENSATION: \$23,000 plus/year

POSITION: Building Services Technician - Rover (Sunday - Friday, 11 p.m. to 7 a.m.), Facilities, #08-341

APPLICATION DEADLINE: (I) 5/28/2008

COMPENSATION: \$17,680 plus/year

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IN THE NEWS

Medical students present awards for outstanding teaching

The School of Medicine and Health Sciences second-year medical students presented the Golden Apple Award for outstanding teaching to Timothy L. Weiland, assistant professor of pathology. Weiland is also the medical director of the Clinical Lab Science program. The Portrait Award is given in recognition of outstanding faculty support provided to the students during their first two years of medical education. Dr. Weiland is the chair of the pathology department at Altru Health Systems. He earned his M.D. degree in 1988 from the Mayo Medical Center, Rochester, Minn.; he joined the SMHS in 1994.

His portrait will be hung with those of past recipients in the Fercho Atrium Atrium, School of Medicine and Health Sciences.

First-year medical students selected Patrick Carr, associate professor of anatomy and cell biology, to receive a Golden Apple Award for outstanding teaching. The award is given annually by medical students, members of the American Medical Student Association, who select the recipient on the basis of outstanding teaching. Carr, who teaches anatomy, joined the School of Medicine and Health Sciences in 1998. He earned his Ph.D. in physiology at the University of Manitoba in 1992.

The awards were presented at the sophomore student awards program to recognize faculty and second-year medical students for outstanding performance.

-- Shelley Pohlman, Administrative Secretary, Office of Public Affairs, spohlman@medicine.nodak.edu, 701-777-4305

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EERC's intellectual property head receives licensing professional certification

Carsten Heide, associate director for Intellectual Property Management and Technology Commercialization at the Energy & Environmental Research Center (EERC), earned his Certified Licensing Professional (CLP) certification from the Licensing Executives Society (LES).

The LES, established in 1965, is a professional society with more than 6,000 members engaged in the development, use, transfer, marketing, and management of intellectual property (IP). The LES just recently launched the CLP program.

The CLP certification is a professional title intended to distinguish those who have demonstrated expertise and knowledge in licensing and commercialization of IP through involvement in patenting, marketing, valuation, IP law, negotiation, and intellectual asset management.

At the EERC, Heide is responsible for developing and enhancing strategic collaborative relationships with EERC clients, identifying relevant IP from the EERC and transferring it to the EERC Foundation, commercializing EERC/EERC Foundation technologies, and leading long-term strategic planning based on EERC technology assets in the context of global market forces.

"This certification is recognition from a very prestigious organization approving Dr. Heide's expertise in intellectual property and commercialization and brings ever-important credibility to the EERC's technology commercialization goals," said EERC Director Gerald Groenewold.

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EERC director initiates long-term relationship with Israel

Gerald Groenewold, director of the Energy & Environmental Research Center (EERC), has announced a personal commitment to developing a long-term working partnership between the EERC and the nation of Israel to address critical energy security issues facing both Israel and the United States.

Groenewold was invited to participate in an energy delegation to Israel, which included Carl Bauer, director of the U.S. Department of Energy National Energy Technology Laboratory (NETL); Robert Dixon, senior coordinator for Energy Security and Climate Change, executive office of the president; Raymond Hobbs, manager, Future Fuels Program, Arizona Public Service; Tim McNulty, associate vice president for government affairs, and Andrew Gellman, head of chemical engineering, Carnegie Mellon University; and Scott Smouse, international group leader, NETL. David Haberman, president of IF, LCC, a world-renowned expert in hydrogen and fuel cells, coordinated the visit.

Isaac Berzin, the world authority on algae-based technology production of biofuels and one of Time Magazine's 100 Most Influential People in the World for 2007, served as the delegation's host throughout the weeklong visit. Eitan Yudilevich, executive director of the Israel-U.S. Binational Industrial Research and Development (BIRD) Foundation, co-hosted the visit as well.

"We are the first group to go to Israel to discuss a potential relationship related to the recently passed United States-Israel Energy Cooperation Act and to initiate a partnership that could address opportunities and technologies of mutual interest to both nations," said Groenewold.

Israel is the most developed country in the eastern Mediterranean region and has a highly technological economy. Despite those positive attributes, Israel has limited commercial energy resources and faces many of the same energy and environmental issues as the United States. The Israel Electricity Corporation (IEC) generates nearly all of the country's power with about 17 power plants. While the country has small amounts of coal, oil shale, and natural gas, most of its energy resources are imported.

"IEC's 2000-megawatt Ashkelon Power Plant, which we visited, ships in coal from 20 different locations worldwide to ensure security of its supply and to keep the power on for the population of Israel. This poses

significant technological challenges,” Groenewold said. “The Ashkelon Plant is also one of several Israeli facilities that uses waste heat and CO2 from the plant to grow algae. The EERC is particularly interested in algae as a feedstock for production of alternative fuels and anticipates joint projects with the Israelis.”

While in Jerusalem, NETL Director Carl Bauer signed a Memorandum of Understanding (MOU) between NETL and the Interdisciplinary Center (IDC) Herzliya, a leading, private university in Israel, for cooperation on various energy topics. The MOU enables cooperation in carbon management technologies, water resource stewardship in power production, alternative fuels development, development of hydrogen and fuel cells, power grid efficiency and reliability, hybrid energy systems, and advanced materials for energy systems, all of which the EERC has expertise in.

“We are a strategic partner with NETL, which means the EERC is tied into the MOU automatically and will be involved in the development and demonstration of many of the technologies,” said Groenewold.

But for Groenewold, the commitment to a relationship with Israel goes far beyond technology. “For me, this is about the marvelous attitude of the Israeli people—their deep commitment to their country and each other. The Israelis understand the price of freedom. They have a true understanding of the EERC and relate to the EERC’s culture of freedom in a way no one else has.”

While in Israel, the delegation visited several energy-related research establishments, such as the Weizmann Institute of Science, the Ministry of National Infrastructures, the Volcani Agricultural Research Organization, the IDC, and the Ben Gurion University of the Negev.

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LaVonne Fox earns first ATHENA Young Professional Award

LaVonne Fox, assistant professor of occupational therapy at the School of Medicine and Health Sciences, has earned the first ATHENA Young Professional Award at a reception organized by the Chamber of Grand Forks and East Grand Forks.

The ATHENA Award honors individuals who strive toward the highest levels of personal and professional accomplishment, who excel in their chosen field, devote time and energy to their community in a meaningful way, and forge paths of leadership for other women to follow. The award actively supports and celebrates the ATHENA mission of supporting, developing and honoring women leaders, inspiring women to achieve their full potential creating balance in leadership worldwide.

The recipients must meet each of the following three criteria:

- * Demonstrate excellence, creativity and initiative in their business or profession
- * Provide valuable service to improve the quality of life for others in their community
- * Assist women in reaching their full leadership potential

The award was established locally in April 2004 and is hosted by the Chamber to encourage the potential of all women as valued members and leaders of the business community. Nominees, male and female, are evaluated by the criteria of the ATHENA Award: business accomplishments, community service, and dedication to promoting leadership opportunities for women.

-- Shelley Pohlman, Administrative Secretary, Public Affairs, spohlman@medicine.nodak.edu, 701-777-4305

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UND rocket lifts off; students in running for award

“Three ... two ... one ...” was followed by smoke, fire and then liftoff. It was like watching a fireworks display on

steroids as students from the University of North Dakota and eight other colleges from around the country gathered in a recently planted cornfield outside of Huntsville, Ala., to launch their high-powered rockets into a clear, albeit windy, northern Alabama sky April 19.

Now, the team is in the running for the University Student Launch Initiative event, sponsored by ATK Launch Systems and hosted by NASA's Marshall Space Flight Center. The mission was to design, build and fly student rockets to an altitude of one mile and return safely to the ground.

The grand prize winner was announced May 26, after the scientific data collected from the student-built payloads was reviewed by a NASA panel. The grand prize includes \$5,000 and the opportunity, courtesy of Alliant Techsystems (ATK) and NASA, to see a Space Shuttle launch at Kennedy Space Center, Fla.

UND's team built their rocket and payload throughout the school year. Tasks included design work, reviews, test flights and meticulous documentation. Each competing team will be judged by panels of scientists and engineers comprised of NASA and its partners.

UND junior and Minot native Lindsay Anderson says, "It's been such a ride – we launched our rocket and it worked, I'm already excited for next year."

Tim Young, UND associate professor in physics and advisor to the rocket team, said, "We were a rookie team down there in Huntsville. There was a lot of good science and well-built rockets that we were competing against. Even if we don't win this May 26 decision, the experience that we had in Huntsville was exhilarating and we are definitely putting together a new team for the 2008-2009 USLI competition." Dr. Young will recruit members in August for the rocket team.

The UND rocket team was funded by the North Dakota Space Grant Consortium, provost's office, and EERC.

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UND team named finalist at Governor's Innovate ND Awards banquet

A team of engineering and business entrepreneurs from the University of North Dakota was named one of five finalists at The Governor's Innovate ND Awards Banquet held at the Alerus Center in Grand Forks.

Florent Martel, Matthew Lendway, Mariusz Czarnomski and Shannon Pearson took home \$10,000 in cash and a valuable package of professional in-kind services for their business model known as Machine Visionaries, LLC, which invented a collision-avoidance system for unmanned aircraft.

Machine Visionaries and four other entrepreneurial ventures that got started in North Dakota were selected as finalists by a committee of angel investors from an overall list of 84 competitors.

Martel, a native of Paris, France, and an electrical engineering graduate student at the School of Engineering and Mines, said his new business is a product of the surge of unmanned aircraft activities currently under way in the state, especially at UND and Grand Forks Air Force Base.

"We're proud," said Martel, as he accepted the prize before an audience of about 200, "Hopefully, we can bring more of that business to North Dakota."

Martel was joined on stage by his partner, Mariusz Czarnomski, a junior electrical engineering student at UND from Gdansk, Poland. Their other business mates are Matthew Lendway, an electrical engineering graduate

student at UND from the Twin Cities, and Shannon Pearson, a UND marketing and entrepreneurship graduate student from Minot.

Their faculty mentors are Richard Schultz, associate professor and chair of electrical engineering at the School of Engineering and Mines, and Craig Silvernagel, entrepreneurship director in the College of Business and Public Administration.

The team members developed their product, which is called “Safe Skies,” at the engineering school. They utilized federal and state funding acquired through the Unmanned Aircraft Systems Center of Excellence at the John D. Odegard School of Aerospace Sciences.

Machine Visionaries is based in Harrington Hall on campus.

UND has been ranked as one of the top 10 universities in the nation for entrepreneurs by Princeton Review and Entrepreneur magazine.

Twenty semi-finalists were invited to the awards banquet, which was attended by North Dakota Gov. John Hoeven, state commerce director Shane Goettle and keynote speaker Doug Burgum, a North Dakota entrepreneur, who launched Great Plains Software, a Fargo-based computer startup that eventually was bought by Microsoft Corp. for \$1.1 billion.

In addition to the cash prizes, the finalists are eligible for up to \$25,000 in funding for new ventures and beginning entrepreneurs. The programs are administered by the state Commerce Department.

All finalists completed an extensive written summary and made oral presentations in front of a panel of 12 private-sector judges. The winners were judged on five criteria: innovation, commercial viability, investment opportunity, entrepreneur team, and quality of presentation.

“The judges had a very difficult decision in picking the top five Innovate ND winners as the quality of ventures was very high,” said Bruce Gjovig, entrepreneur coach and director for the Center for Innovation at UND.

“The angel investors who were judges want to encourage all participants to move forward with their ventures,” Gjovig added.

Innovate ND was started in November 2006 by Gov. Hoeven and was coordinated by his office, the Commerce Department, UND’s Center for Innovation, and the UND Entrepreneur Department. Hoeven congratulated the participants and reminded them that the marketplace will play a big role in their individual success.

“Everyone that participated in Innovate ND is a winner,” Hoeven said, “But the ultimate winners - that remains to be seen. The final tale has yet to be told, but isn’t it exciting?”

Innovate ND was made possible by more than \$200,000 in private-sector contributions and in-kind professional services, including legal, accounting and engineering, as well as appropriated funds from the state Department of Commerce.

For more information on the Innovate ND program, go to www.innovatene.com.

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Former SMHS dean visits campus for tree planting

A former dean of the School of Medicine and Health Sciences and his wife who is an alumna of the University were back on campus to plant and dedicate a tree in their names.

Tom Johnson, M.D., who served as dean of the medical school from 1977 to 1988, joined his wife, Jane, for an informal plaque unveiling near the tree, between the Education Building and Witmer Hall.

The Johnsons planted trees at both of their alma maters. Dr. Johnson graduated from the College of Wooster in Wooster, Ohio. Jane Johnson graduated from UND in 1962 with a bachelor's degree in medical technology and taught in the medical technology program at UND in the 1970s.

Jane also was director of the North Dakota State Laboratories Department and director of the state's Public Health Laboratory in the 1980s. The Johnsons have contributed to the UND Foundation and asked that a tree be planted in their honor.

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SMHS announces Academy of Science recipients

The School of Medicine and Health Sciences (SMHS) announces the North Dakota Academy of Science 2008 award winners. This year, 26 undergraduate and 28 graduate students participated in the competition. Prizes were given for oral presentations at the graduate and undergraduate level. Listed below are the recipients and their home institutions. First-place winners each received \$200 and a plaque; second- and third-place finishers won \$150 and \$100, respectively, and received a certificate.

Undergraduate Division

- * First Place: Brian Nelson and Paul Selid, UND
- * Second Place: Erika Anderson, Mayville State University; Dennis Ingold, Minot State University;
- * Third Place: Jenna Wald, UND; Andrew Hager, Valley City State University.

Graduate Senior Division

- * First Place: Yuhui Jin, UND
- * Second Place: Susan Austin, UND
- * Third Place: Shibichikravarthy Kannan, UND

Graduate Junior Division

- * First Place: Amy Moritz, UND
- * Second Place: Amali Samarasinghe, NDSU
- * Third Place: Marron Bingle, UND; Ebot Tabe, NDSU

The 100th North Dakota Academy of Science meeting was held April 24 at the Hilton Garden Inn in Grand Forks. About 150 people attended this year's event. Van Doze, associate professor in the department of pharmacology, physiology and therapeutics, and the 100th president of the N.D. Academy of Sciences, said this year's winners represented a talented, high-achieving, and very successful pool of students with their eyes set on careers in science.

"This speaks highly of science education in North Dakota and at the University," said Doze. "We are very proud of these students and their accomplishments and we will continue to encourage their interest in science and research."

-- School of Medicine and Health Sciences.

Innovative UND engineering designs win awards

Two University of North Dakota engineering teams won first place cash awards of \$1,500 each at the annual Freeman Innovative Design Competition held recently at the School of Engineering and Mines (SEM).

The competition, held in honor of Andrew Freeman, SEM alumnus and former general manager of Minnkota Power Cooperative, Inc., requires individuals or teams of engineering students to present their senior design projects to a panel of local engineers.

One of the first-place teams designed a device for deploying “augmented reality” (computer graphics added to real-world video) in large industrial environments. The software developed on this device will aid workers by supplying them with more information about machinery in the plant to make their jobs safer and easier. Examples would include making a steam pipe glow red when in use and virtual text indicating the pipe’s destination.

Team members, all mechanical engineering students, include: Tanner Broderick, Rolla, N.D.; David Nilsen, Duluth, Minn.; and Brandon Stutzman, Gilbert, Minn.

The other first-place winner was a team of electrical and mechanical engineering students that designed a payload that can fit into a Lockheed Martin Mini-UAV (unmanned aerial vehicle) with the purpose of capturing multispectral image data.

Team members are: Brett Kubat, electrical engineering, Oakdale, Minn.; Michael Hilbrand, electrical engineering/mechanical engineering, Baudette, Minn.; Samantha Kostrue, mechanical engineering, Fisher, Minn., Erica Nelson, Brainerd, Minn.; and Richie Spitsburg, mechanical engineering, East Grand Forks, Minn.

Taking home the second-place awards of \$500 were teams of civil and chemical engineering students. The civil engineering team designed a flood-control structure for the Goose River in Traill County in eastern North Dakota.

Team members are: Dan Labo, Annandale, Minn.; Joe Vistad, Cavalier, N.D.; Tony Nordby, Grygla, Minn.; and Anthony Welder, Bismarck, N.D.

The chemical engineering team developed a process to produce 50 million gallons of bio-jet fuel from soybean oil annually. Team members are: Wade Mormon, Bismarck, N.D.; Leah Millner, Bismarck, N.D.; Cale Zlonis, Hibbing, Minn.; and Matt Johnson, Orono, Minn.

Andrew "Andy" Freeman was noted for his creativity and visionary leadership in the electric utility industry. An endowment was established in 1996 by Minnkota Power and others to honor Freeman. The interest earned from the endowment funds the annual design project awards, which are given in Freeman's name to individuals or teams of UND students that exhibit open-ended and innovative design work.

Gwen Feist selected Outstanding Senior Woman at UND

The Grand Forks branch of American Association of University Women (AAUW) has presented the Outstanding Senior Woman Award for 2008 to Gwen Feist, who was nominated by Cheryl Terrance, associate professor of psychology. Feist has a 4.0 grade average with a minor in biology. She will attend Medical School this fall at UND with the goal of specializing in neurology. Her award was based on both academic qualifications and community involvement. AAUW awards one student each spring. The honor includes a \$200 award along with a

plaque and a one year membership in AAUW. American Association of University Women works for equity for women in education and in pay. Feist was chosen from a field of extremely outstanding senior women. We are confident she will be successful in her field.

-- Colleen Reuter, Asst. Director, Veterans Upward Bound, Colleen.Reuter@ndsu.edu, 701-777-6465

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IN REMEMBRANCE

Remembering Theodore Messenger

It is with regret that the University reports that Theodore Messenger, professor emeritus of philosophy and peace studies, died May 24, in 4000 Valley Square, Woodside Village, Grand Forks. More information will be available in next week's University Letter.

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Remembering Gregory Hoffarth

Gregory Francis Hoffarth, building services technician-lead, facilities, died May 19, at Grand Forks. He was 52.

Hoffarth, the son of Romeo Francis and Mabel Frances (Fischer) Hoffarth, was born Dec. 8, 1955 at Langdon, N.D. He spent his first few years of school in Maida, N.D., and then transferred to Langdon where he graduated from high school. He attended Lake Region State College where he received a carpentry degree.

He married Linda Myren Nov. 8, 1980 at Fairdale, N.D. They made their home in Langdon and became the parents of a daughter, Lisa. Hoffarth helped take care of the family farm following his father's death. In October 1983 they moved to Grand Forks where he worked at Hyslop Sports Center, until the last couple years when he worked at the UND Wellness Center. He received a Meritorious Service Award in 1999.

He is survived by his daughter Lisa (Henry) Moen of Fargo, N.D. and recent grandson Alexander Moen of Fargo; brothers, Thomas (Margie) Hoffarth of Devils Lake, N.D., James (Carol) Hoffarth of Langdon, N.D., sister Barbara of Devils Lake, N.D., and numerous nieces and nephews.

Hoffarth was preceded in death by his parents, grandparents and nephew Russell Hoffarth.

Visitation will take place beginning at 5 p.m. Thursday, May 22, with a 7 p.m. prayer service at the Brooks Funeral Home of Langdon, N.D. Services will take place at 10 a.m. Friday, May 23, at the St. Alphonsus Catholic Church of Langdon, N.D.

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